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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 04791/LH
INTERNATIONAL APPLICATION NO. PCT/JP2003/014689	INTERNATIONAL FILING DATE 18 NOVEMBER 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107518137
PRIORITY DATE CLAIMED 19 NOVEMBER 2002		
TITLE OF INVENTION SYNCHRONOUS RECTIFYING SWITCHING POWER SUPPLY DEVICE		
APPLICANT(S) FOR DO/EO/US Makoto TAKASHIMA and Yoshimichi HIROKAWA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p>		

Int. Search Report; form PTO/SB/08A; 6 references;
Change of Correspondence Address; Request for
Publication of Assignment Information; forms
PCT/RO/105; PCT/ISA/202; PCT/IB/301; PCT/IB/304; 5
sheets formal drawings (Figs. 1-8).

Express Mail Label No. EV 602 255 897 US**Date of Deposit: December 15, 2004**

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

B. Villani
Barbara Villani

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/518137		INTERNATIONAL APPLICATION NO. PCT/JP2003/014689		ATTORNEY'S DOCKET NUMBER 04791/LH					
21. The following fees are submitted:									
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input checked="" type="checkbox"/> c) Search fee..... \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE					
- 100 =	/50 =			x \$250.00	\$.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).									
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$				
Total claims		8	- 20 = 0	x \$50.00	\$.00				
Independent claims		2	- 3 = 0	x \$200.00	\$.00				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$.00				
TOTAL OF ABOVE CALCULATIONS = \$ 1000.00									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.									
SUBTOTAL = \$ 1000.00									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).									
+ \$.00									
TOTAL NATIONAL FEE = \$ 1000.00									
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property									
+ \$ 40.00									
TOTAL FEES ENCLOSED = \$ 1.040.00									
<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$.00</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$.00</td> </tr> </table>						Amount to be refunded:	\$.00	Amount to be charged:	\$.00
Amount to be refunded:	\$.00								
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b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1378</u> . A duplicate copy of this sheet is enclosed.									
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO: CUSTOMER NO. 01933									
Leonard Holtz Frishauf, Holtz, Goodman & Chick P.C. 767 Third Avenue 25 th Floor New York NY 10017-2023									
LH:bv  SIGNATURE Leonard Holtz NAME									
22,974 REGISTRATION NUMBER									

10/518137
JT12 Rec'd PCT/PTO 15 DEC 2004

Attorney Docket No. 04791/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): M. TAKASHIMA et al

Serial No. : Based on
PCT/JP2003/014689

Filed : Herewith

For : SYNCHRONOUS RECTIFYING
SWITCHING POWER SUPPLY
DEVICE

Art Unit :
Examiner :

CUSTOMER NO.: 01933

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Date of Deposit: December 15, 2004

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Barbara Villani

In the event that this Paper is late
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concurrently herewith, please consider
this as a Petition for the requisite
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tendered by credit card payment attached
hereto, authorization to charge the
extension fee, or any other fee required
in connection with this Paper to Account
No. 06-1378.

**REQUEST FOR PUBLICATION OF
ASSIGNMENT INFORMATION**

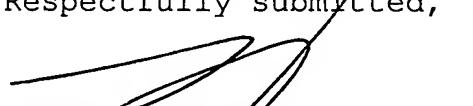
Commissioner for Patents
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Alexandria, VA 22313-1450

S I R :

It is requested that the following assignment information be
published as part of the 18 month publication of the present
application:

COSEL CO., LTD.
1-6-43, Kamiakaemachi,
Toyama-shi, Toyama, JAPAN

Respectfully submitted,


LEONARD HOLTZ
Reg. No. 22,974

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10/518137

DT12 Rec'd PCT/PTO , 5 DEC 2004

PTO/SB/122 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application

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Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	TAKASHIMA
Group Art Unit	
Examiner Name	
Attorney Docket Number	04791/LH

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I am the:

- [] Applicant/Inventor.
 [] Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
 [X] Attorney or Agent of record. Registration No. 22,974
 [] Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____.

Typed or Printed

Name Leonard Holtz, Reg. No. 22,974

Signature

Date December 15, 2004 Telephone: (212) 319-4900

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

[] Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.